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## [CLAIMS]

1. An ink jet recording material comprising a support and at least one binder containing ink-receiving layer, characterized in that said at least one ink-receiving layer further contains a compound according to following general formula (I):

$$A-L-R$$
 (I)

wherein,

- A is represented by following formula:

$$\begin{array}{c|c}
R^1 & Z \\
R^2 & N \\
R^4 \\
X
\end{array}$$

wherein :

Z represents the necessary atoms to complete a five- or six-membered ring,

 $R^1$  to  $R^4$  independently represent a substituted or unsubstituted C1 to C6 aliphatic group,

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an -OSO<sub>2</sub>-alkyl group, and an acyloxy group;

- L is a divalent linking group, linked to the five- or sixmembered ring by one of the atoms of Z, optionally by a double bond, wherein said divalent linking group comprises a nitrogennitrogen or nitrogen-oxygen bond,
- R represents a non aromatic moiety comprising at least two hydroxyl groups.
- 2. An ink jet recording material according to claim 1 wherein said compound is represented by following formula (II):

$$\begin{array}{c|c}
 & & \\
R^1 & & \\
R^2 & & \\
R^4 & \\
X & & 
\end{array}$$

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wherein,

R<sup>1</sup> to R<sup>4</sup> independently represent a substituted or unsubstituted C1 to C6 aliphatic group,

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an -OSO<sub>2</sub>-alkyl group, and an acyloxy group,

L is a divalent linking group, linked to the six-membered ring optionally by a double bond, wherein said divalent linking group comprises a nitrogen-nitrogen or nitrogen-oxygen bond, R represents a non aromatic moiety comprising at least two hydroxyl groups.

3. An ink jet recording material according to claim 2, wherein said compound is represented by following formula (V):

wherein,

 $R^1$  to  $R^4$  independently represent a substituted or unsubstituted C1 to C6 aliphatic group,

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an  $-OSO_2$ -alkyl group, and an acyloxy group,

Y represents an oxygen or  $NR^5$ ;  $R^5$  is selected from the group consisting of a hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, a substituted or unsubstituted hetero-aromatic group, and an acyl group; and

R represents a non-aromatic moiety comprising at least two hydroxyl groups.

4. Ink-jet recording material according to claim 1, wherein said recording material further comprises a pigment in at least one ink-receiving layer.

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- 5. Ink-jet recording material according to claim 4 wherein said pigment is an inorganic pigment.
- 6. Ink-jet recording material according to claim 5 wherein said inorganic pigment is chosen from the group consisting of silica, alumina, aluminum silicate, and aluminum trihydroxide.
  - 7. Ink-jet recording material according to any of claims 1 to 6 wherein said binder is a polyvinyl alcohol.
  - 8. A compound represented by formula (II):

wherein,

R<sup>1</sup> to R<sup>4</sup> independently represent a substituted or unsubstituted C1 to C6 aliphatic group;

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an -OSO<sub>2</sub>-alkyl group, and an acyloxy group;

L is a divalent linking group, linked to the six-membered ring with a single or a double bond, wherein said divalent linking group comprises a nitrogen-nitrogen or nitrogen-oxygen bond; and R represents a non-aromatic moiety comprising at least two hydroxyl groups.

9. Compound according to claim 8 represented by following formula  $(\mathsf{V}):$ 

$$\begin{array}{c}
R \\
Y \\
Y \\
R^2 \\
N \\
R^4 \\
X
\end{array}$$

(V)

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wherein,

 ${\bf R}^1$  to  ${\bf R}^4$  independently represent a substituted or unsubstituted C1 to C6 aliphatic group;

X is selected from the group consisting of a hydrogen, a substituted or unsubstituted aliphatic group, an acyl group, an oxy radical, a hydroxyl group, an alkoxy group an  $-OSO_2$ -alkyl group, and an acyloxy group;

Y represents an oxygen or  $NR^5$ ;  $R^5$  is selected from the group consisting of a hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aromatic group, a substituted or unsubstituted hetero-aromatic group, and an acyl group; and R represents a non-aromatic moiety comprising at least two hydroxyl groups.